

Title (en)

ASSEMBLY FOR MONITORING POWER OF RANDOMLY POLARIZED LIGHT

Title (de)

ANORDNUNG ZUR LEISTUNGSÜBERWACHUNG VON ZUFÄLLIG POLARISIERTEM LICHT

Title (fr)

ENSEMBLE PERMETTANT DE SURVEILLER LA PUISSANCE D'UNE LUMIÈRE POLARISÉE DE FAÇON ALÉATOIRE

Publication

EP 2491358 A4 20150729 (EN)

Application

EP 10825454 A 20101018

Priority

- US 58156809 A 20091019
- US 2010052990 W 20101018

Abstract (en)

[origin: US2011090501A1] A unit for measuring a power of randomly polarized light beam is configured with spaced first and second beam splitters having respective reflective surfaces which face one another and configured to sequentially reflect a fraction of randomly polarized beam which is incident upon the first splitter. The beam splitters are dimensioned and shaped so that an output beam, reflected from the second beam splitter, has a power independent from the state of polarization of the randomly polarized beam.

IPC 8 full level

G01J 1/04 (2006.01); **G01J 1/42** (2006.01)

CPC (source: EP KR US)

G01J 1/04 (2013.01 - EP KR US); **G01J 1/0414** (2013.01 - EP US); **G01J 1/0429** (2013.01 - EP US); **G01J 1/22** (2013.01 - US); **G01J 1/4257** (2013.01 - EP US); **G01J 4/00** (2013.01 - KR)

Citation (search report)

- [XYI] JP H05317328 A 19931203 - TOPCON CORP
- [Y] US 2009213363 A1 20090827 - STARODUBOV DMITRY [US], et al
- See references of WO 2011049842A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 2011090501 A1 20110421; **US 8760653 B2 20140624**; CN 102667426 A 20120912; EP 2491358 A2 20120829; EP 2491358 A4 20150729; JP 2013508688 A 20130307; KR 20120066048 A 20120621; WO 2011049842 A2 20110428; WO 2011049842 A3 20110728

DOCDB simple family (application)

US 58156809 A 20091019; CN 201080047054 A 20101018; EP 10825454 A 20101018; JP 2012534435 A 20101018; KR 20127010041 A 20101018; US 2010052990 W 20101018